

SYMPOSIUM SCHEDULE

10 September

13:00–17:00 Registration
17:30–19:30 Welcome reception

11 September

10:00–10:20 Opening ceremony
10:20–10:50 Opening lecture (Prof. Omar Mukbaniani, Prof. Marc Abadie)

Session “Polymers”

Co-chairmans: Alexander Rusanov, Rinat Iskakov

11:00–11:30 H. Tenhu (University of Helsinki, Finland) – “Responsive polymers and their biological and drug release applications”.

11:30 –12:00 F. Komarov¹, A. Kupchishin², T. Shmygaleva², A. Togambaeva² (¹Belarusian State University; ²Al-Farabi Kazakh National University) – “The Modelling of the formation processes of nanoporous structures in Si, irradiated of Si-iones”.

Lunch break

13:30–14:00 O.Yu. Prikhodko, Sh.Sh. Sarsembinov, A.P. Ryagusov, S.Ya. Maksimova, E.S. Stefanova and D.V. Medvedkov (Al-Farabi Kazakh National University, Kazakhstan) – “Electrical and optical properties of metallized polyimide films prepared by different methods”.

14:00–14:30 R. M. Iskakov, B. A. Zhubanov, V. D. Kravtsova (Institute of Chemical Sciences; Kazakhstan) – “Peculiarities of the Modification of Alicyclic Polyimides as New Thermostable Materials”

14:30–15:00 V. Tskovrebashvili, L. Kemkhadze, G. Tsintskaladze (Iv. Javakhisvhili Tbilisi State University) – “Polymerization of the dimethylorganocyclosiloxanes in the presence of zeolite catalyst”

Coffee break

Co-chairmans: Heikki Tenhu, Vazha Tskovrebashvili

15:30–16:00 A.L. Rusanov¹, L.G. Komarova¹, M.P. Prigozhina¹, S.A. Shevelev², M.D. Dutov², O.V. Serushkina², A.Kh. Shakhnes², V.Yu. Voitekunas³ M.J.M. Abadie³ (¹A.N. Nesmeyanov Institute of Organoelement Compounds Russian Academy of Sciences, Moscow, Russia; ²N.D. Zelinskiy Institute of Organic Chemistry, Russian Academy of Sciences, Moscow, Russia; ³Universite Montpellier 2, S.T.L., Montpellier, France) – “The Structure and Stabilization of Two Stage Reactions in Frontal Polymerization Processes”

14:30–15:00 E.O. Batyrbekov, T.N. Akylbekova, B.A. Zhubanov* (Institute of Chemical Sciences, Almaty, Kazakhstan) – “Application of Natural Polysaccharides for Controlled Release of Local Anesthetic Kazkain”.

Session “Advanced Materials/Eco & Bio Materials”

Co-chairmans: Nodar Lekishvili, Irina Razumovskaja

11:00–11:30 M.J.M. Abadie & L. K. Widjaja (France & Singapore) – “[State of the Art of Stents](#)”.

11:30 –12:00 M. Gurgenishvili, G. Papava, Z. Molodinashvili, I. Chitrekashvili, Z. Tabukashvili (Georgia) – “[New fillers for preparation of antifriction polymer composites](#)”.

Lunch break

13:30–14:00 J. Aneli (Iv. Javakhishvili Tbilisi State University, Georgia) – “[Electrical Conducting Polymer composites: modern and conceptions](#)”.

14:00–14:30 T.Z. Akhmetov, A.P. Kurbatov, A.K. Galeyeva, O.Yu. Prikhodko. (Kazakh State University, Almaty, Kazakhstan) – “[Kinetic of metallization of polyimide films by electrochemical methods](#)”.

14:30–15:00 G.G. Meskhi (Iv. Javakhishvili Tbilisi State University, Georgia) – “[Emission of clusters during solid surface bombardment by atomic and molecular ions](#)”.

Coffee break

Co-chairmans: Marc Abadie, Tleuken Akhmetov

15:30–16:00 N.A. Kavtaradze, A.V. Kiriakidi, N.V. Jalabadze, R.V. Chedia (Georgian Technical University & P.Melikishvili Institute of Physical and Organic Chemistry) – “[Synthesis of Nanocrystalline Powders of Inorganic Compounds by Using Polymeric Matrices](#)”.

16:00–16:30 N. Lekishvili, L. Arabuli, T. beruashvili, T. Lobzhanidze, Kh. Barbakadze, M. Kezherashvi (Iv. Javakhishvili Tbilisi State University, Georgia) - “[Antibio corrosion coatings based on various bioactive organo-metallic complexes](#)”.

16:30–17:00 I.V. Razumovskaja¹, L.L. Muhina¹, V.N. Koptsev¹, S.K. Kudaikulova², R.M. Iskakov², T.Z. Akhmetov³, B.A. Zhubanov², M.J.M. Abadie⁴ (¹Department of Solid State Physics, Moscow State Pedagogical University, ²Institute of Chemical Sciences (ICS), Almaty, Kazakhstan; ³Center of Physico-Chemical Analysis, al-Farabi Kazakh National State University, Almaty, Kazakhstan; ⁴Laboratory of Polymer Science & Advance Organic Materials, Montpellier University 2 Montpellier, France) – “[The structure and physical properties of the surface layers in the new metallized polyimide films with high electrooptical performances](#)”

12 September

Session “Polymers”

Co-chairmans: Dmitriy Sapozhnikov, Sevan Davtyan

10:00–10:30 R. Katsarava, D. Kharadze¹, D. Tugushi² (¹ Technical University of Georgia, Center for Medical Polymers and Biomaterials; ²Iv. Javakhishvili Tbilisi State University, Department of Chemistry, Georgia) – “[New Non-conventional Macromolecular Systems on the Basis of Naturally Occurring Amino Acids](#)”.

10:30–11:00 S. Strandman, S. Hietala, V. Aseyev, S.J. Butcher, H. Tenhu (University of Helsinki, Finland) – “[Amphiphilic star diblock copolymers. Syntheses and solution properties](#)”.

11:00–11:30 M.J.M. Abadie¹, D.A. Sapozhnikov², V.Yu. Voytekunas², T.V. Volkova², A.A.

Sakharova², R.G. Gasanov², Ya.S. Vygodskii² (¹Université Montpellier 2, Montpellier, France; ²A.N. Nesmeyanov Institute of Organoelement Compounds, Russian Academy of Sciences Russia) – “[Acrylates Photopolymerization in the Presence of Polyheteroarylenes](#)”.
11:30–12:00 S.P. Davtyan, [A.O. Tonoyan](#) (State Engineering University of Armenia) – Hybrid Nano Composites, Synthesis and Properties

Lunch break

Co-chairmans: Ramaz Katsarava, Shota Samsonia

13:30–14:00 O. Mukbaniani, T. Tatrishvili (Iv. Javakhishvili Tbilisi State University). – “[Polymethylhydrosiloxane As a Matrix for Macromolecular Grafting of Dienes](#)”

14:00–14:30 Ya. S. Vygodskii, T.V. Volkova, O.N. Pashkova, M.N. Ilina, Ya.V. Zubavichus, O.V. Afonicheva, I.A. Garbuzova, V.V. Kireev (A.N. Nesmeyanov Institute of Organoelement Compounds, Russian Academy of Sciences, Russia) – “[The Characterization of Grafted Copolymers of Nylon6 and Aromatic Polyimides of Different Structure](#)”.

14:30–15:00 M. A. Semsarzadeh, M. Hasannejad, B. Nateghian (polymer group, Tarbiat modares university, Tehran, Iran; petrochemical R&T of NPC(Tehran center), Tehran, Iran and polymer group, Tarbiat modares university, Tehran, Iran)– “[The effect of external donors on the complex of Ziegler-Natta catalyst in the polymerization of ethylene](#)”

Coffee break

15:30–16:00 E. Gavashelidze, [G. Papava](#), N. Maisuradze, N. Dokhturishvili, N. Gelashvili (P.Melikishvili Institute of Physical and Organic Chemistry, Georgia) – “[Polyurethanes on the basis of card-type diols](#)”.

15:30–16:00 S.P. [Davtyan](#), A.O. Tonoyan (State Engineering University of Armenia) – “[The Technological Aspects of Frontal Polymerization](#)”

16:00–16:30 V. Grushina, I. Papisov, D. Sapozhnikov, Ya. Vygodskii (Moscow car and road institute (State Technical university) & Institute of organoelement compounds RAS, Russia)– “[Matrix process as a Way of Obtaining Nanocomposites Based on Polysilicic Acid and Polymethyl Methacrylate.](#)”

Session “Advanced Materials/Eco & Bio Materials”

Co-chairmans: Oleg Figovsky, Vitali Lipik

10:00–10:30 J. Aneli (Iv. Javakhishvili Tbilisi State University, Georgia) – “[Electrical Conducting Polymer composites: modern and conceptions](#)”.

10:30–11:00 B. Zhubanov, [M. Umerzakova](#), G. Meirova, N. Kurmankulov, A. Zainullina (Institute of Chemical Sciences, Almaty, Kazakhstan) – “[New Bioactive polymers based on Sodium alginate and styromal](#)”.

11:00–11:30 M. Yoelovich, A. Leykin and [O. Figovsky](#) (¹Nano-Add Ltd, Migdal HaEmek, Israel; ²Polymate, Migdal HaEmek, Israel) – “[Nano-Cellulose and its Application](#)”.

11:30–12:00 [V.T. Lipik](#)¹, M.J.M. Abadie² (¹State Technological University of Belarus, Department of Industrial Ecology; ²University Montpellier 2, Laboratory of Polymer Science & Advanced Organic Materials, S. T. L.) – “[Polyester waste recycling at the melted state](#)”.

Lunch break

Co-chairmans: Kokhta Japaridze, Jimsher Aneli

13:30–14:00 O.L. Figovsky (Israel Research Center Polymate) – “New Nanostructured Matrixes for Fibre Reinforced Composites”.

14:00–14:30 L. Nadareishvili (Cybernetics Institute, Georgia) – “Gradient oriented state of polymers”.

18:00 – 19:00 Cultural Program.

13 September

**Excursion in old capital of Georgia, Mtskheta or Gori (Stalin museum, etc.).
&
Gala Dinner.**

14 September

12:00 – 15:00 Poster session (“**Polymers**” and “**Advanced Materials/Eco & Bio Materials**”)

Coffee break

15:30 – 16:00 closing lecture

Farewell